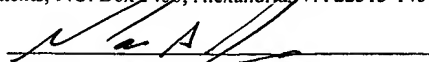


PATENT
Docket No. *

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV374045784US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 9, 2004.


Marco Jimenez

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Ellis BETENSKY et al.

Serial No.: 10/622,914

Filing Date: July 18, 2003

For: ZOOM LENS SYSTEM

Examiner: Scott Sugarman

Group Art Unit: 2873

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of __ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of __ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

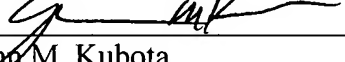
Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **490962002200**. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: February 9, 2004

Respectfully submitted,

By 
Glenn M. Kubota
Registration No.: 44,197
MORRISON & FOERSTER LLP
555 West Fifth Street, Suite 3500
Los Angeles, California 90013
(213) 892-5752
Attorneys for Applicant(s)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 490962002200	Application Number 10/622,914
	Applicant Ellis BETENSKY et al.	
	Filing Date July 18, 2003	Group Art Unit 2873
	Mailing Date February 9, 2004	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	11/23/1948	2,454,686	F. G. Back			
	2.	03/30/1976	3,947,084	Noyes			
	3.	10/25/1983	4,411,488	Neil			
	4.	03/20/1990	4,909,614	Itoh et al.			
	5.	03/16/1993	5,194,886	Mukai et al.			
	6.	12/14/1993	5,270,857	Oizumi et al.			
	7.	09/05/1995	5,448,411	Morooka			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	0.						

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
J	8.	"Lens mechanism technology," by D.F. Horne, <i>Crane, Russak & Company, Inc., New York</i> , October 1975,
/	9.	"Zoom Lenses II," by Ellis I. Betensky et al., <i>Proceedings of SPIE-The International Society for Optical Engineering</i> , SPIE Vol. 3129, 28-29 July 1997 (pp 90-96)
4	10.	"Selected Papers on Zoom Lenses," by Allen Mann, <i>SPIE Optical Engineering Press</i> , SPIE Milestone Series, Vol. MS85, Copyright 1993 (entire book)
4	11.	"Zoom Lenses," by Allen Mann, <i>Proceedings, SPIE-The International Society for Optical Engineering</i> , Vol. 2539, 11-12 July 1995 (entire volume)
4	12.	"Zoom Lenses," by Iain a. Neil et al., <i>Proceedings Of SPIE-The International Society for Optical Engineering</i> , Vol. 4487, 31 July 2001 (entire volume)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.